## Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A system for registration and analysis of data from a practised stage, and for generation of action programs in dependence of the performed analysis, comprising:

- an input device, for entering result data for one or more predetermined parameters from one or several performed stages;

- a calculating device, connected to the input device and devised to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, in dependence of said result data;

- a profile generation device, connected to said calculation device, and devised to generate a characteristics profile by compiling said calculated characteristics measurement values; and including:

- a reference database containing a pre-stored normal characteristics profile;

- a comparison device, connected to the profile generation device and the reference database, and devised to generate a comparison profile by comparing said characteristics profile with said pre-stored normal characteristics profile; and

- a selection device connected to the profile generation device or the comparison device or a memory containing a profile data structure, and being devised to select, in dependence of said characteristics profile or comparison profile, a pre-stored action program.

2. (previously presented) The system according to claim 1, wherein a device for presentation of the comparison profile is devised to present the comparison profile graphically on a presentation unit.

3. (previously presented) A system according to claim 2, wherein the comparison device is devised to generate a comparison profile by applying a predetermined mathematical operation to the characteristics profile and the normal profile.

4. (previously presented) The system according to claim 3, wherein the comparison device is devised to generate a comparison profile in the form of a difference profile, by calculating the difference between characteristics measurement values for each parameter of the characteristics profile and the normal profile.

5. (previously presented) The system according to claim 2, wherein said device for presentation of the comparison profile is devised to visualise, for each parameter, a current characteristics measurement value and a normal characteristics measurement value in the same diagram.

6. (cancelled)

7. (original) The system according to claim 1, wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties.

8. (original) The system according to claim 7, wherein said normal characteristics profile is a profile for an average practiser within said group.

9. (currently amended) A system according to claim 61, wherein said practiser is a sports practiser, said stage being a game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport.

10. (previously presented) The system according to claim 9, further comprising a device arranged for entering player data for the sports practiser, and wherein said normal profile is based upon corresponding player data, for example age group, sex, handicap or ranking.

11. (previously presented) The system according to claim 10, wherein said device for presentation of the comparison profile further is devised to visually present, on said presentation unit, the characteristics profile or the comparison profile in the form of a bar diagram having one bar for each game parameter, where the bar height corresponds to the characteristics measurement value.

12. (previously presented) The system according to claim 10, wherein said device for presentation of the comparison profile further is devised to visually present, on said presentation unit, the characteristics profile or the comparison profile in the form of a curve chart, where the level of the curve for each game parameter corresponds to the characteristics measurement value.

13. (original) The system according to claim 10, adapted for the analysis of the player properties of a golfer, whereby the game parameters are various shot types and the characteristics measurement is the average number of shots per round.

14. (original) The system according to claim 10, adapted for the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristics measurement is the percentage distribution of successful shots in relation to unsuccessful ones.

15. (previously presented) The system according to claim 10, further comprising a device for maintaining a computer structure for storing of characteristics measurement values in a memory.

16. (previously presented) The system according to claim 10, further comprising a device for maintaining a computer structure for storing of characteristics profiles in a memory.

17. (cancelled)

18. (cancelled)

19. (cancelled)

20. (cancelled)

21. (currently amended) A system for registration and analysis of data from a practised game round of a sport, and for generation of action programs ~~independent~~ in dependence of the performed analysis, comprising:

- an input device, for entering result data for one or more predetermined game parameters from one or several game rounds performed by a sports practiser;

- a calculating device, connected to the input device and devised to calculate, for each of said game parameters, a characteristics measurement value for a predetermined characteristics measurement, ~~independent~~ in dependence of said result data;

- a profile generation device, connected to said calculation device, and devised to generate a characteristics profile by compiling said calculated characteristics measurement values;

- a reference database containing a pre-stored normal characteristics profile calculated from results for a single practiser of said sport, or a group of practisers with common properties;

- a comparison device, connected to the profile generation device and the reference database, and devised to generate a comparison profile by comparing said characteristics profile with said pre-stored normal characteristics profile;

- a selection device connected to the profile generation device and/or the comparison device and/or a memory containing a profile data structure, and being devised to select, ~~independent~~ in dependence of said characteristics profile or comparison profile, a pre-stored training model for improving the practisers' performance as revealed by said comparison device.

22. (currently amended) A computer program product, for use together with a computer processing system, for registration and analysis of data from a practised stage, and for generation of action programs ~~independent~~ in dependence of the performed analysis, comprising:

- a computer storage medium,including:

- means, stored on the storage medium, devised to control the computer processing system to receive the input of result data for one ore more predetermined parameters from one or several performed stages;

- calculating means, stored on the storage medium, devised to control the computer processing system to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, ~~independent~~ in dependence of said result data;

- profile generation means, stored on the storage medium, devised to control the computer processing system to generate a characteristics profile by compiling said calculated characteristics measurement values;

- comparison means, stored on the storage medium, devised to control the computer processing system to generate a comparison profile by comparing said characteristics profile with a normal profile, pre-stored in a reference database; and

- selection means, stored on the storage medium, devised to control the computer processing system to select, in dependence of said characteristics profile or comparison profile, a pre-stored action program.

23. (previously presented) The computer program product according to claim 17, wherein means, stored on the storage medium, for presentation of the comparison profile, is devised to present the comparison profile graphically on a presentation unit connected to the computer processing system.

24. (previously presented) The computer program product according to claim 18, wherein the comparison means is devised to control the computer processing system to generate a comparison profile by applying a predetermined mathematical operation to the characteristics profile and the normal profile.

25. (previously presented) The computer program product according to claim 19, wherein the comparison means is devised to generate a comparison profile in the form of a difference profile, by calculating the difference between characteristics measurement values for each parameter of the characteristics profile and the normal profile, respectively.

26. (previously presented) The computer program product according to claim 18, wherein said means for presentation of the comparison profile is devised to visualise, for each parameter, a current characteristics measurement value and a normal characteristics measurement value in the same diagram.

27. (cancelled)

28. (original) The computer program product according to claim 17, wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties.

29. (original) The computer program product according to claim 23, wherein said normal profile is a profile for an average practiser within said group.

30. (previously presented) The computer program product according to claim 24, wherein said practiser is a sports practiser, said stage is one game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport.

31. (previously presented) The computer program product according to claim 25, further comprising means, stored on the storage medium, devised to control the computer processing system to receive input player data for the sports practiser; and wherein said normal profile is based upon corresponding player data, for example age group, sex, handicap or ranking.

32. (previously presented) The computer program product according to claim 25, wherein said means for presentation of the comparison profile further is devised to visually present, on said presentation unit, the characteristics profile or the comparison profile in the form of a bar diagram having one bar for each game parameter, where the bar height corresponds to the characteristics measurement value.

33. (previously presented) The computer program product according to claim 23, wherein said means for presentation of the comparison profile further is devised to visually present, on said presentation unit, the characteristics profile or the comparison profile in the form of a curve chart, where the level of the curve for each game parameter corresponds to the characteristics measurement value.

34. (original) The computer program product according to claim 25, further being adapted for the analysis of the player properties of a golfer, whereby the game parameters are various shot types and the characteristics measurement is the average number of shots per round.

35. (currently amended) The computer program product according to claim 25, further being adapted for the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristics measurement is the percentage distribution of successful shots in relation to ~~successful~~ unsuccessful ones.

36. (previously presented) The computer program product according to claim 25, further comprising means, stored on the storage medium, devised to control the computer processing system to maintain a computer structure for storing of characteristics measurement values in a memory.

37. (previously presented) The computer program product according to claim 25, further comprising means, stored on the storage medium, devised to control the computer processing system to maintain a computer structure for storing of characteristics profiles in a memory.

38. (currently amended) A method for registering and analysing data from a practised stage, and for generating action programs ~~independent~~ in dependence of the performed analysis, comprising the steps of:

- registering result data for one or more predetermined parameters from one or several performed stages;

- calculating, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement;

- generating a characteristics profile by compiling said calculated characteristics measurement values;

- generating a comparison profile by comparing said characteristics profile with a pre-stored normal profile; and

- selecting, in dependence of said characteristics profile or comparison profile, a pre-stored action program.

39. (previously presented) The method according to claim 33, further comprising the step of graphically presenting the comparison profile on a presentation unit connected to the computer processing system.

40. (previously presented) The method according to claim 34, further comprising the step of generating a comparison profile by applying a predetermined mathematical operation to the characteristics profile and the normal profile.

41. (original) The method according to claim 34, whereby a comparison profile in the form of a difference profile is generated by calculating the difference between characteristics measurement values for each parameter of the characteristics profile and the normal profile, respectively.

42. (original) The method according to claim 34, further comprising the step of visualising, for each parameter, a current characteristics measurement value and a normal characteristics measurement value in the same program.

43. (cancelled)

44. (previously presented) The method according to claim 38, further comprising the step of visually presenting instructions and figures associated with the current action program.

45. (previously presented) The method according to claim 33, whereby said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties.

46. (original) The method according to claim 36, whereby said normal profile is a profile for an average practiser with said group.

47. (previously presented) The method according to claim 41, whereby said practiser is a sports practiser, said stage is one game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport.

48. (previously presented) The method according to claim 42, further comprising the step of registering player data for the sports practiser; and whereby said normal profile is based upon corresponding player data, for example age group, sex, handicap or ranking.

49. (previously presented) The method according to claim 42, further comprising the step of visually presenting the characteristics profile or the comparison profile in the form of a bar diagram having one bar for each game parameter, where the bar height corresponds to the characteristics measurement value.

50. (previously presented) The method according to claim 42, further comprising the step of visually presenting the characteristics profile or the comparison profile in the form of a curve chart, where the level of the curve for each game parameter corresponds to the characteristics measurement value.

51. (original) The method according to claim 42, adapted to the analysis of the player properties of a golfer, whereby the game parameters are various shot types and the characteristic measurement is the average number of shots per round.

52. (original) The method according to claim 42, adapted to the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristic measurement is the percentage distribution of successful shots in relation to unsuccessful ones.